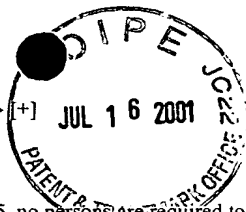


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<p style="text-align: center;">Substitute for form 1449A/PTO</p> <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p> <p>SHEET 1 of 1</p>	<p style="text-align: center;"><b>COMPLETE IF KNOWN</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Application Number</td> <td>09/832,581</td> </tr> <tr> <td>Confirmation Number</td> <td>3612</td> </tr> <tr> <td>Filing Date</td> <td>April 11, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Michael Donovan Mitchell</td> </tr> <tr> <td>Group Art Unit</td> <td>1724</td> </tr> <tr> <td>Examiner Name</td> <td>Cintins</td> </tr> <tr> <td>Attorney Docket Number</td> <td>8494</td> </tr> </table>	Application Number	09/832,581	Confirmation Number	3612	Filing Date	April 11, 2001	First Named Inventor	Michael Donovan Mitchell	Group Art Unit	1724	Examiner Name	Cintins	Attorney Docket Number	8494
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### U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	U.S. PATENT DOCUMENT Number Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
L.C.	1	4,443,340	May, et al.	04-17-1984	class 210, 697
L.C.	2	4,812,240	Watts	03/14/1989	210, 639
L.C.	3	5,024,783	Busch, et al.	06-18-1991	252, 180
L.C.	4	5,401,323	Freese, et al.	03-28-1995	134, 23.14

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
L.C.	1	S.J. GREGG, ET AL., "Mesoporous Solids: The Type IV Isotherm", <u>Adsorption, Surface Area, and Porosity</u> , 1982, 138-143, 2 <sup>nd</sup> Edition, Academic Press, Inc..	
L.C.	2	E.P. BARRETT, ET AL., "The Determination of Pore Volume and Area Distributions in Porous Substances", <u>The Volume and Area Distributions in Porous Substances</u> , 1951, 373-380, Vol. 73,	

EXAMINER <u>I. Cintins</u>	DATE CONSIDERED <u>December 12, 2002</u>
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